

2004 Courses

Title	CEUs	Location(s)	Date(s)
Bariod Mud School	3	Crux Subsurface 11120 E. Empire Ave Spokane, WA	December 17, 2004
Schramm Drill Rig Service Seminar <ul style="list-style-type: none"> • Agenda • Who are the instructors? • Seminar Abstract • Website for more information 	14	Suncoast Hotel & Casino 9090 Alta Drive Las Vegas, NV	December 16- 17, 2004
NGWA Expo -	<ul style="list-style-type: none"> • Mud Rotary Drilling 1.0 • Submersible Pumps Primer 1.0 • Reducing Risk and Liability from the First 2.0 • Water Well Borehole Logging 2.0 • Drivers/Vehicles: DOT has Regs for Both 2.0 • Improving your Welding Skills 2.0 • Testing the Waters 1.0 • Uncover Hidden Profits 3.5 • Electrical Safety 1.5 • Well Water Testing 1.0 • Downhole Video 101 1.0 • Drilling the Last Domestic Well 1.0 • The Containment of Cuttings 1.0 • Air Rotary Drilling 1.0 • The Economics of Well Drilling 1.0 • Surface and Borehole Geophysics for Groundwater Apps 2.0 • Cable Tool Drilling 1.0 • Motors and Electricity .5 • Using your Team and Income Statements to Manage Costs... 2.5 • Automated Low Flow Water Quality Monitoring 1.0 	Las Vegas, NV	December 12,13, 14, 2004

	<ul style="list-style-type: none"> • Well Servicing and Maintenance 1.0 • Complying w/the Current DOT regs 2.0 • Hole Collapse 1.0 • Large Horsepower Pumping .5 • Grouting: The Real Picture 1.0 • Geothermal Interest Group Session 2.0 • Direct Push Soil Sampling Tools 1.0 • Leading In: Wire Rope Sockets 1.0 • Drilling Fluids, Grouts and Sealants 2.0 		
Ecology Sponsored Training	7	Olympia, WA Marysville, WA Spokane, WA Tri-Cities, WA	November 29, 30 and December 2,3, 2004
WSGWA Fall Convention	11	Pasco, WA	October 29-30, 2004
2004 Oregon Well Construction Education Course	2 CEU for each location	Bend, Oregon	November 1, 2004
		Roseburg, OR	October 27, 2004
		Salem, Or	October 25, 2004
OGWA 2004 Fall Convention	<ul style="list-style-type: none"> • Overview of Basic Hydraulics - 1 • Application of Rubber Drilling Products - 1 • Well Rehabilitation 101 - 1 • Drilling w/Underreaming Systems - 2 • Pump Motor Review - 1 • Pump Profit Is Not a Bad Word - 1 • The A-E and MW of Cement Grouting - 2 	Eagle Crest, OR	October 15-16, 2004
CETCO Mud School	7	United Pipe Prosser, WA	September 24, 2004
Layne Christensen Risk Mgmt Seminar 2	7	Irvine, CA	September 21, 2004
Characteristics of the Col River Basalt Group	7	Columbia River Comm College The Dalles, OR	September 13, 2004
Basic Hydraulics	7	Vancouver,	August 13, 2004

Training		Washington	
Forge Welkin Co. - Use of Drilling Tools	7.5 View Outline	Wilsonville, Oregon	July 28, 2004
Basic Hydraulics Training	7	Pocatello, Idaho	July 23, 2004
Basic Hydraulics Training	7	Lewiston, Idaho	July 9, 2004
Bariod Drilling Fluids - Mud School Hosted by Familian NW	7	Kent, WA	June 26, 2004
CRM Well Development and Rehab	7	Auburn, WA	June 16, 2004
WSGWA Technical Seminar	7	Ellensburg, WA	April 3, 2004
Ecology Sponsored Training	7	Olympia, Spokane, Pasco, Mount Vernon, WA	March 1-5, 2004
IGWA Workshop	4	Post Falls, ID	March 5, 2004
Pacific NW Groundwater Expo	Total: 16.75 <ul style="list-style-type: none"> • Improving Your Welding Skills 2.0 • Hydrology for Water Well Contractors 2.0 • Living with OSHA 1.25 • New Gadgets for Contractors 1.25 • Groundwater Fallacies and Forecasts 2.0 • Using Ins to Cost Effectively Manage Risk 1.25 • What's New in the World of Geothermal .75 • Successful Water Treatment .75 • Federal Wage and Hour Rules 1.5 • Hydro-fracturing: An Overview 1.0 • Roundtable: Succession Planning 1.5 • Roundtable: Groundwater Ind Challenges 1.5 	Jantzen Beach, OR	February 27-28, 2004
CNC Plasma Class	20	Cornelius, OR	February 11-16, 2004
OGWA - Technical Seminar	<ul style="list-style-type: none"> • Is your Drug Testing Prog in Compliance? 1.0 CEU • Shared Well Agreements 2.0 CEU 	Springfield, OR	February 6-7, 2004

	<ul style="list-style-type: none"> • Drilling Fluids Workshop 4.0 CEU • First Aid/Hazmat 4.0 CEU 		
Layne Christensen Risk Mgmt Seminar 1	7	Irvine, CA	February 6, 2004
Washington State University - Small Landowners Workshop	6	Okanogan, WA	January 12-16, 2004